



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

mk-8

NOTICE OF ALLOWANCE AND ISSUE FEE DUE

IM62/1025

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APPLICATION NO.	FILING DATE	TOTAL CLAIMS	EXAMINER AND GROUP/ART UNIT	DATE MAILED
09/115,492	07/14/98	014	KOEHLER, R	1775 10/25/99
First Named Applicant	TUTTLE,	35 USC 154(b) term ext. =	0 Days.	

TITLE OF INVENTION METHOD OF MANUFACTURING AN ENCLOSED TRANSCEIVER

ATTY'S DOCKET NO.	CLASS-SUBCLASS	BATCH NO.	APPLN. TYPE	SMALL ENTITY	FEE DUE	DATE DUE
1	91-579.9	156-292.000	D46 UTILITY	NO	\$1210.00	01/25/00

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED.

THE ISSUE FEE MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED.

HOW TO RESPOND TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is changed, pay twice the amount of the FEE DUE shown above and notify the Patent and Trademark Office of the change in status, or
- B. If the status is the same, pay the FEE DUE shown above.

If the SMALL ENTITY is shown as NO:

- A. Pay FEE DUE shown above, or
- B. File verified statement of Small Entity Status before, or with, payment of 1/2 the FEE DUE shown above.

II. Part B-Issue Fee Transmittal should be completed and returned to the Patent and Trademark Office (PTO) with your ISSUE FEE. Even if the ISSUE FEE has already been paid by charge to deposit account, Part B Issue Fee Transmittal should be completed and returned. If you are charging the ISSUE FEE to your deposit account, section "4b" of Part B-Issue Fee Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give application number and batch number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PATENT AND TRADEMARK OFFICE COPY

8.1D
RRK.
Notice of Allowability 10-22-99

Application No.
09/115,492

Applicant(s)
Tuttle, et al.

Examiner
Robert Koehler

Group Art Unit
1775



All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance and Issue Fee Due or other appropriate communication will be mailed in due course.

☒ This communication is responsive to applicants' Amendment filed on September 17, 1999.

☒ The allowed claim(s) is/are 25-30, 42-47, 49, and 50.

☐ The drawings filed on _____ are acceptable.

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☐ All ☐ Some* ☐ None of the CERTIFIED copies of the priority documents have been
☐ received.

☐ received in Application No. (Series Code/Serial Number) _____.

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____.

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements noted below is set to EXPIRE **THREE MONTHS** FROM THE "DATE MAILED" of this Office action. Failure to timely comply will result in ABANDONMENT of this application. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

☐ Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION, PTO-152, which discloses that the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.

☒ Applicant MUST submit NEW FORMAL DRAWINGS

☒ because the originally filed drawings were declared by applicant to be informal.

☐ including changes required by the Notice of Draftsperson's Patent Drawing Review, PTO-948, attached hereto or to Paper No. _____.

☒ including changes required by the proposed drawing correction filed on Feb 23, 1999, which has been approved by the examiner.

☐ including changes required by the attached Examiner's Amendment/Comment.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the reverse side of the drawings. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

☐ Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Any response to this letter should include, in the upper right hand corner, the APPLICATION NUMBER (SERIES CODE/SERIAL NUMBER). If applicant has received a Notice of Allowance and Issue Fee Due, the ISSUE BATCH NUMBER and DATE of the NOTICE OF ALLOWANCE should also be included.

Attachment(s)

☒ Notice of References Cited, PTO-892

☐ Information Disclosure Statement(s), PTO-1449, Paper No(s). _____

☐ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

☒ Interview Summary, PTO-413

☒ Examiner's Amendment/Comment

☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

☒ Examiner's Statement of Reasons for Allowance RRK.

DEBORAH JONES
SUPERVISORY PATENT EXAMINER

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DETAILED ACTION

Examiner's Amendment

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

By way of this Examiner's Amendment, the following changes are made in the claims.

- A.* In claim 26, line 2, delete "set" and insert in its place --group--.
- B.* In claim 27, line 2, delete "set" and insert in its place --group--.
- C.* In claim 43, line 1, delete "set" and insert in its place --group--.
- D.* In claim 44, line 1, delete "set" and insert in its place --group--.

Authorization for this examiner's amendment was given in a telephone interview with Robert J. Stern, applicants' attorney, on October 21, 1999.

Allowable Subject Matter

Claims 25 to 30, 42 to 47, 49, and 50 are allowed.

The application having been allowed, formal drawings are required in response to this Office action.

The following is an examiner's statement of reasons for allowance: The Examiner has given careful consideration to applicants' remarks filed on September 17, 1999. In view of

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applicants' remarks about the rejection of all claims under 35 USC § 103(a), the Examiner withdraws that rejection because none of the prior art teaches, suggests, or discloses a two layer cover for a radio frequency transceiver having both a polymer layer and a water vapor barrier layer. Reconsideration of the prior art reveals that there is no teaching or suggestion for combining a polymer layer and a barrier layer in order to build a cover for a radio frequency transceiver as claimed by the applicants.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The Examiner cites U.S. Pat. No. 4,484,098 (Cullen, et al.) as relevant prior art. The Cullen, et al. patent was mentioned in the Holland patent which had been cited by the Examiner in a rejection of applicants' claims under 35 USC § 103(a). The laminated structure taught by Holland is the same as the structure disclosed in the Cullen, et al. patent.

Conclusion

Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Robert Koehler whose telephone number is (703) 308-1974. The Examiner

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can normally be reached on Tuesday to Friday from 8:30 AM to 6:00 PM. The Examiner can also be reached on alternate Mondays.

If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's supervisor, Deborah Jones, can be reached on (703) 308-3822. The fax phone number for this Art Unit is (703) 305-5436. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center receptionist whose telephone number is (703) 308-0661.

R R Koehler *RRK.*

October 22, 1999

Deborah Jones
DEBORAH JONES
SUPERVISORY PATENT EXAMINER